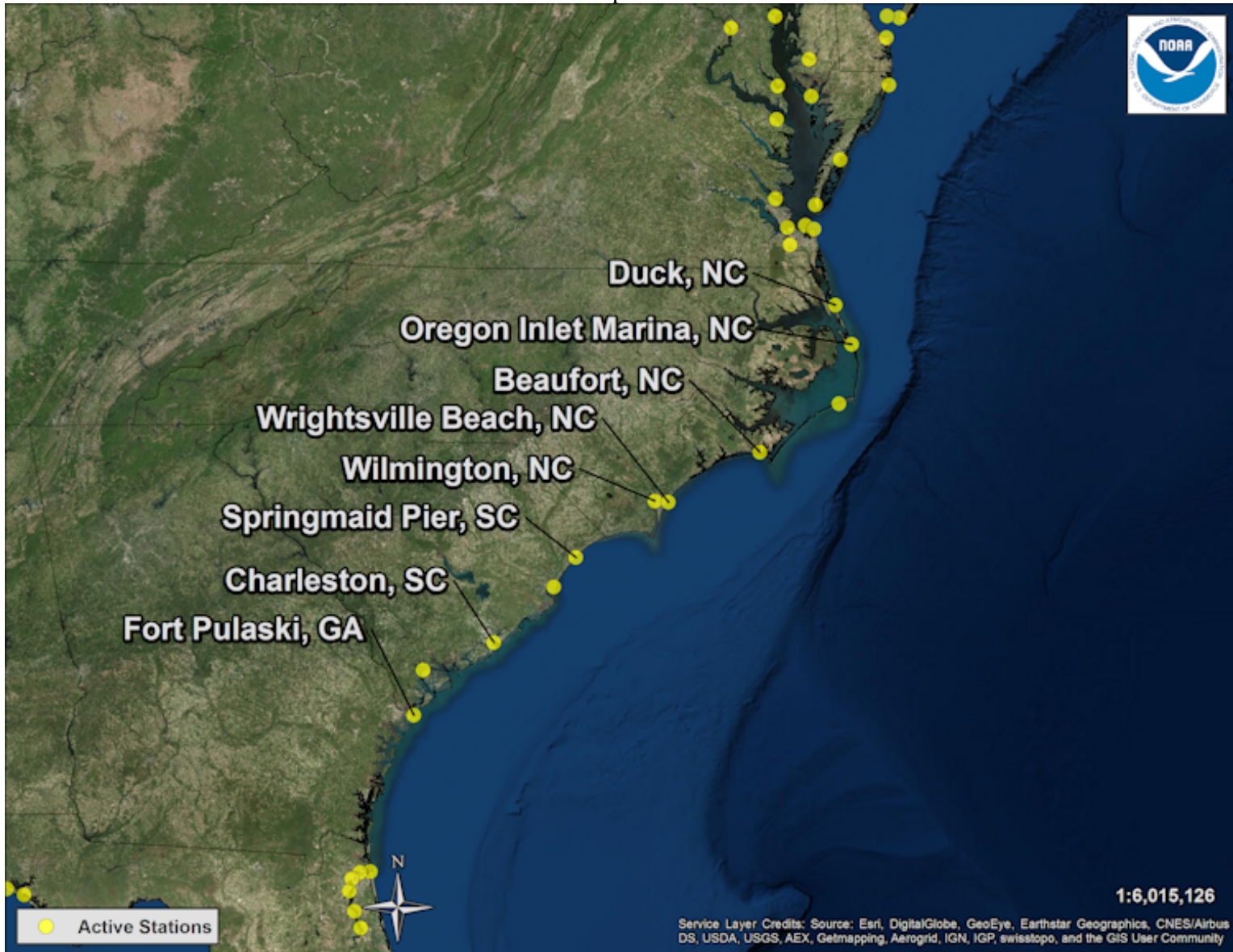




Tropical Depression ANA QuickLook
Posted: 18:00 EDT 05/10/2015

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

ion Locked="false" Priority="63" SemiHidden="false" UnhideWhenUsed="false" Name="Medium Shading 1 Accent 4"/>

Tropical Depression ANA QuickLook, POSTED 18:00 EDT 05/10/2015

As of 05/10/2015 18:00 EDT, water levels along the North Carolina coast remain slightly elevated. Water levels from South Carolina to Florida have returned to normal tide levels at most locations.

Water levels in bays and associated waterways may include impacts from hydrological forces, including rainfall runoff. For additional hydrological information visit [NWS Advanced Hydrologic Prediction Services](#).

No further QuickLooks will be posted for this storm unless oceanographic conditions warrant and/or the [National Hurricane Center](#) (NHC) issues a new tropical storm or hurricane warning for the U.S. or its territories.

Water Level and Meteorological plots available below are updated automatically. A line denoting [Mean Higher High Water](#) (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst: PFF

SELECT [NATIONAL HURRICANE CENTER](#) ADVISORY INFORMATION:

TROPICAL DEPRESSION ANA ADVISORY NUMBER 12

NWS NATIONAL HURRICANE CENTER MIAMI FL

500 PM EDT SUN MAY 10 2015

...ANA MOVING FARTHER INLAND...

...LAST ADVISORY FROM THE NATIONAL HURRICANE CENTER...

WATCHES AND WARNINGS

There are no coastal watches or warnings in effect.

DISCUSSION AND 48-HOUR OUTLOOK

At 500 PM EDT (2100 UTC), the center of Tropical Depression Ana was located ABOUT 10 MI...15 KM NNE OF WHITEVILLE NORTH CAROLINA. The depression is moving toward the north-northeast near 5 mph (7 km/h) and a turn toward the northeast with a gradual increase in forward speed is expected over the next 48 hours. On the forecast track, the center will move over eastern North Carolina overnight and into southeastern Virginia on Monday.

Maximum sustained winds are near 35 mph (55 km/h) with higher gusts. Some weakening is likely during the next day or so.

The estimated minimum central pressure is 1007 mb (29.74 inches).

HAZARDS AFFECTING LAND

RAINFALL: Ana is expected to produce rainfall accumulations of 2 to 4 inches, with isolated maximum amounts of 6 inches over eastern portions of North Carolina and northeast South Carolina through Monday.

SURF: Swells generated by Ana are affecting portions of the southeastern U.S. coast. These swells will likely cause life-threatening surf and rip currents. The swells and surf are expected to gradually diminish during the next day or two. Please see statements issued by your local National Weather Service forecast office.

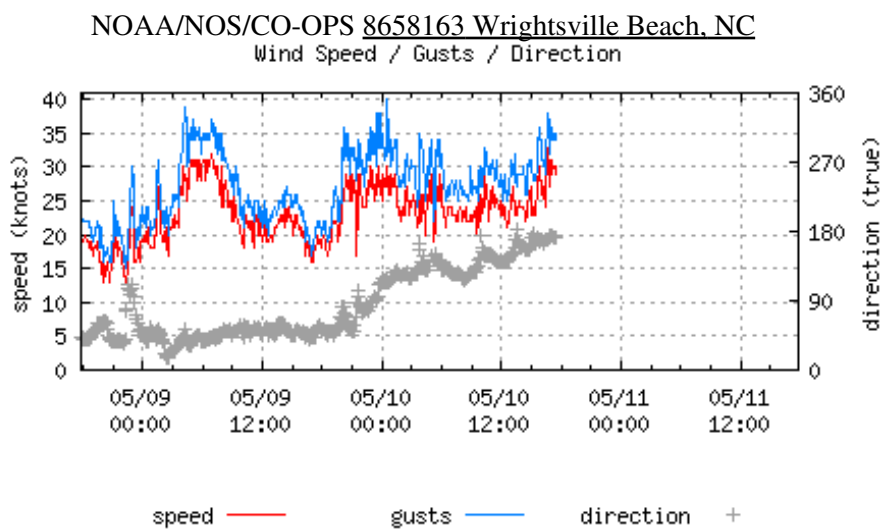
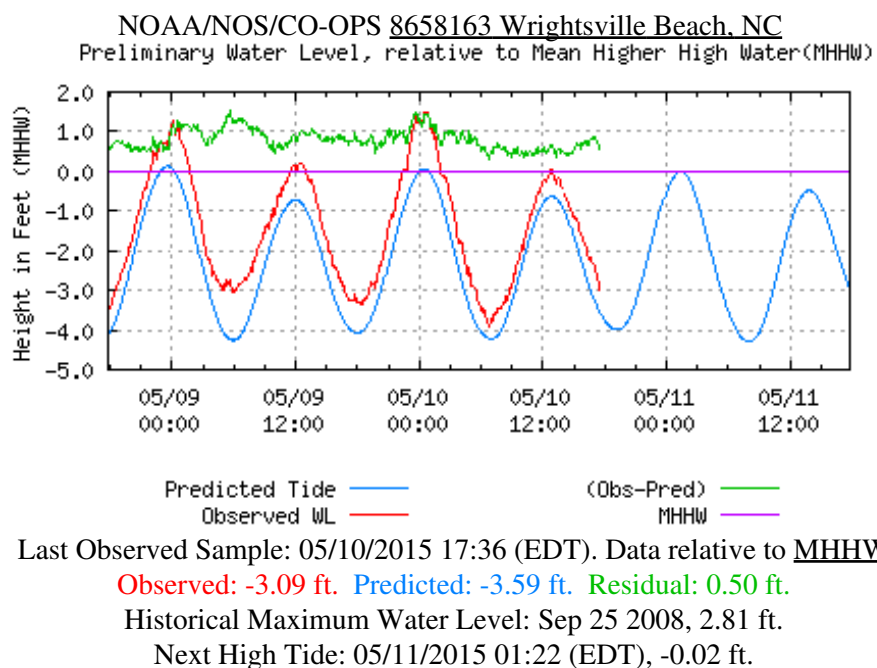
NEXT ADVISORY

This is the last public advisory issued by the National Hurricane Center on this system. Future information on this system can be found in Public Advisories issued by the Weather Prediction Center beginning at 11 PM EDT under AWIPS header TCPAT1 AND WMO header WTNT31 KWNH.

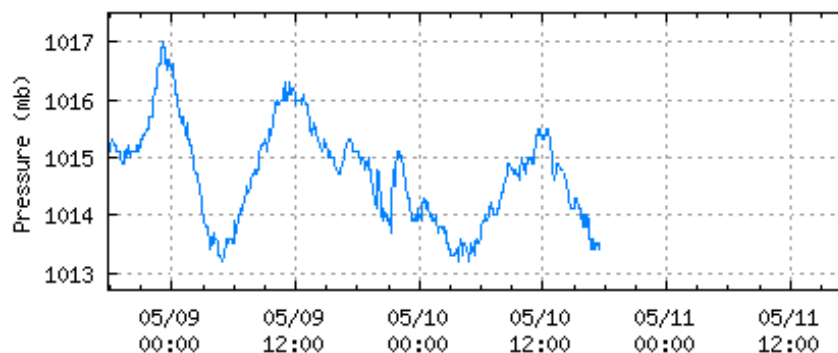
Forecaster Pasch

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Wrightsville Beach - Water Level](#), [Wrightsville Beach - Winds](#), [Wrightsville Beach - Barometric](#), [Wilmington - Water Level](#), [Beaufort - Water Level](#), [Beaufort - Winds](#), [Oregon Inlet Marina - Water Level](#), [Oregon Inlet Marina - Winds](#), [Duck - Water Level](#), [Duck - Winds](#), [Springmaid Pier - Water Level](#), [Springmaid Pier - Winds](#), [Charleston - Water Level](#), [Charleston - Winds](#), [Fort Pulaski - Water Level](#), [Fort Pulaski - Winds](#)

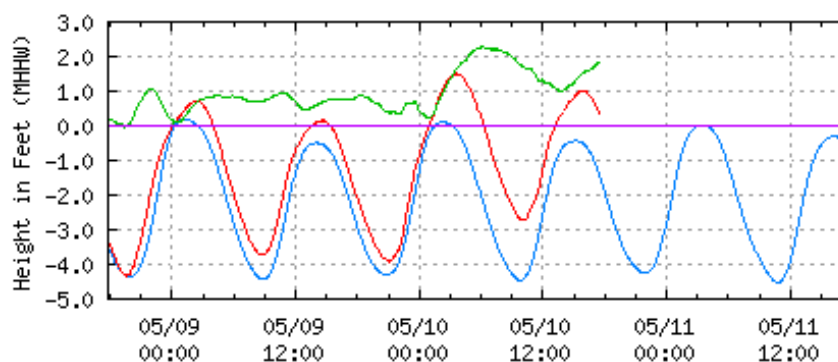


NOAA/NOS/CO-OPS 8658163 Wrightsville Beach, NC
Barometric Pressure



barometric pressure —
Last Observed Sample: 05/10/2015 17:36 (EDT)
Barometric Pressure: 1013.5 mb

NOAA/NOS/CO-OPS 8658120 Wilmington, NC
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



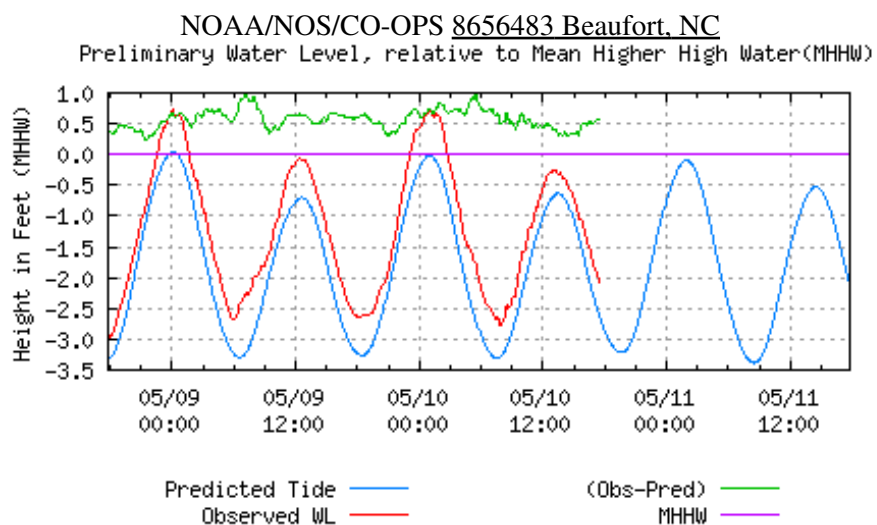
Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 05/10/2015 17:36 (EDT). Data relative to MHHW

Observed: 0.29 ft. Predicted: -1.56 ft. Residual: 1.85 ft.

Historical Maximum Water Level: Oct 15 1954, 3.47 ft.

Next High Tide: 05/11/2015 03:30 (EDT), 0.02 ft.

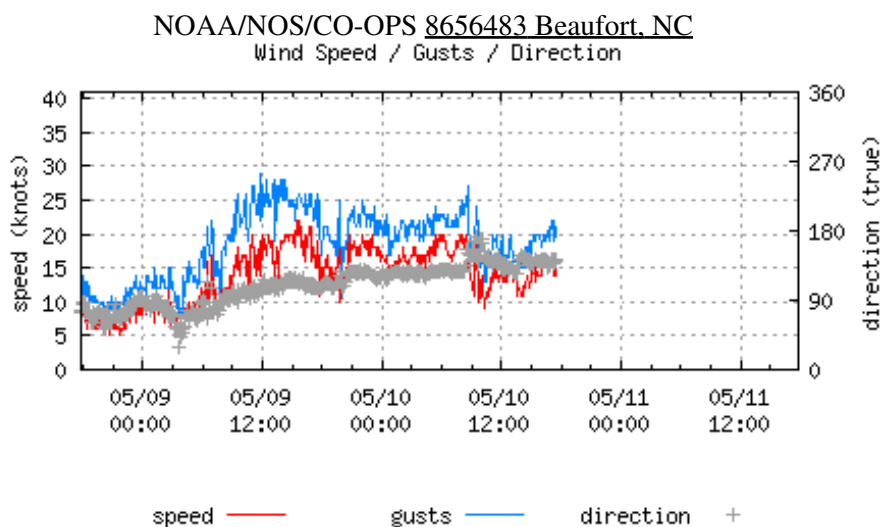


Last Observed Sample: 05/10/2015 17:36 (EDT). Data relative to MHHW

Observed: -2.10 ft. Predicted: -2.70 ft. Residual: 0.60 ft.

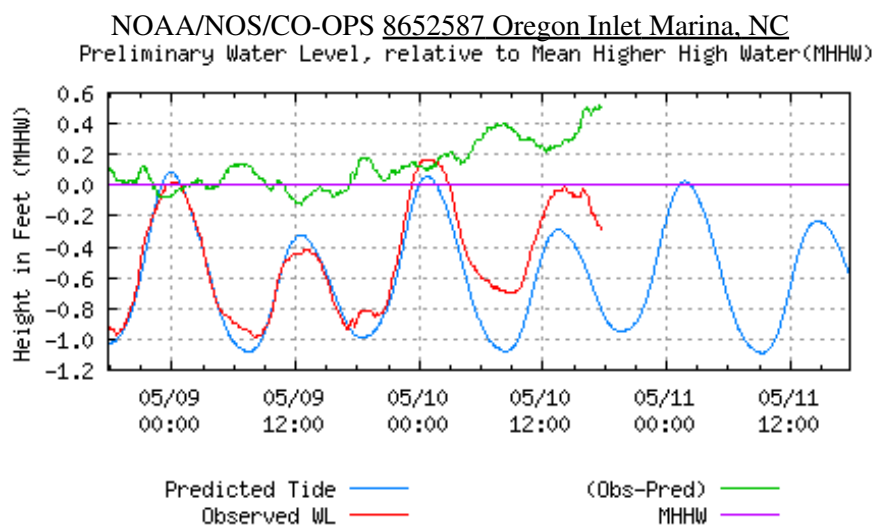
Historical Maximum Water Level: Sep 14 2005, 3.01 ft.

Next High Tide: 05/11/2015 01:56 (EDT), -0.10 ft.



Last Observed Sample: 05/10/2015 17:36 (EDT)

Wind Speed: 14 knots Gusts: 21 knots Direction: 144° T

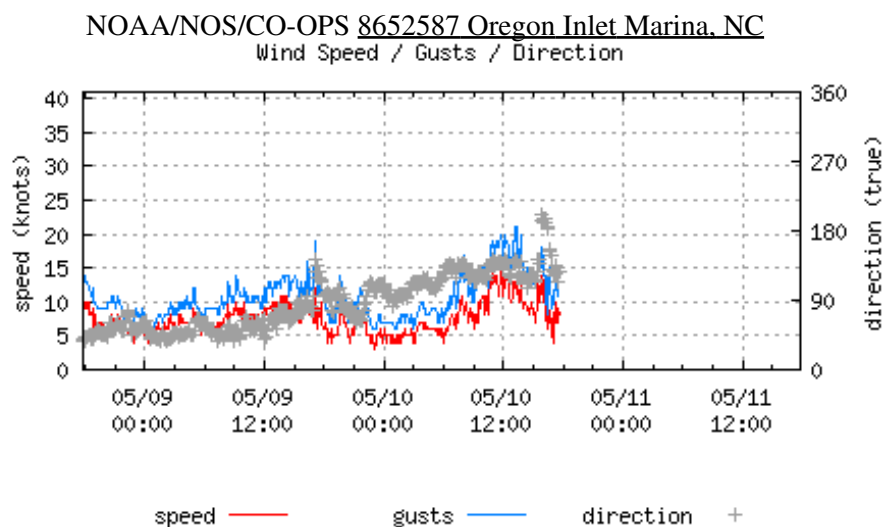


Last Observed Sample: 05/10/2015 17:36 (EDT). Data relative to MHHW

Observed: -0.29 ft. Predicted: -0.80 ft. Residual: 0.51 ft.

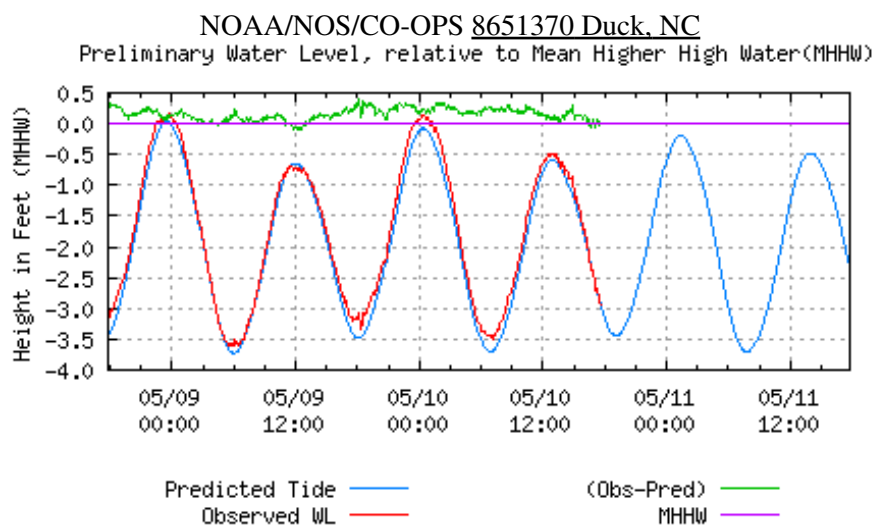
Historical Maximum Water Level: Aug 28 2011, 6.32 ft.

Next High Tide: 05/11/2015 01:44 (EDT), 0.02 ft.



Last Observed Sample: 05/10/2015 17:36 (EDT)

Wind Speed: 8 knots Gusts: 15 knots Direction: 127° T

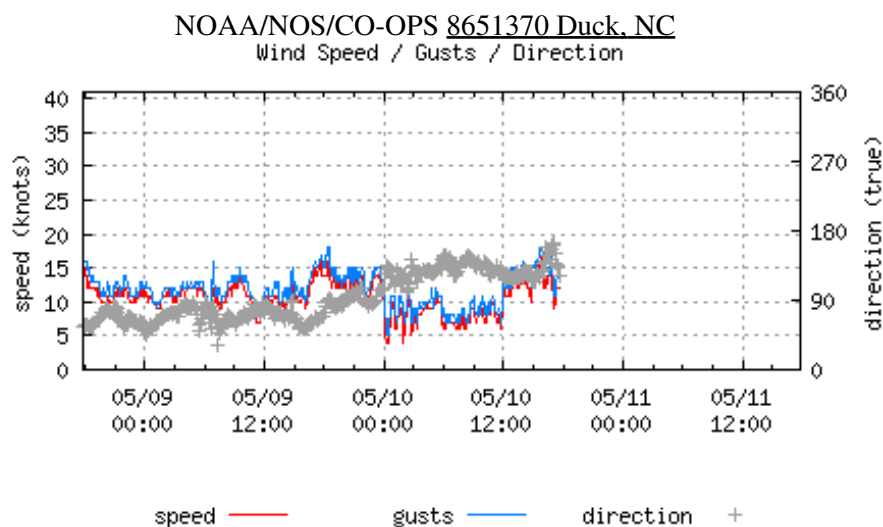


Last Observed Sample: 05/10/2015 17:36 (EDT). Data relative to MHHW

Observed: -2.94 ft. Predicted: -2.95 ft. Residual: 0.01 ft.

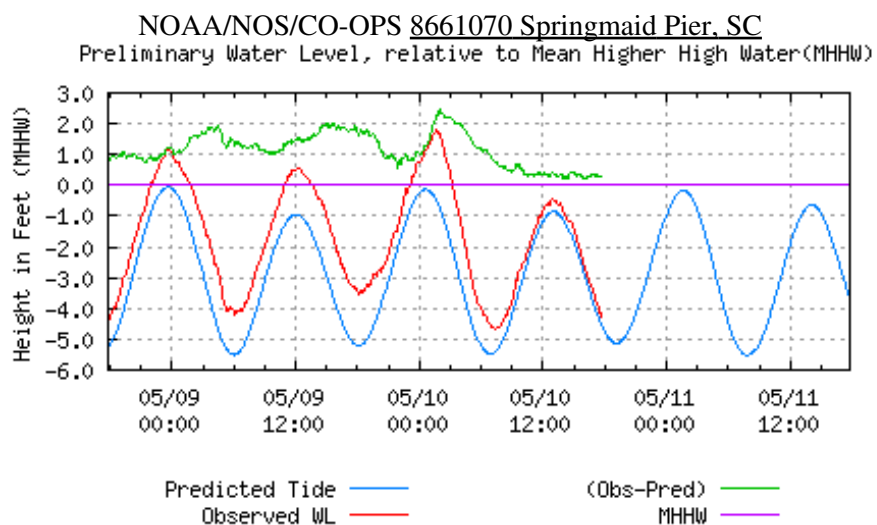
Historical Maximum Water Level: Sep 18 2003, 4.13 ft.

Next High Tide: 05/11/2015 01:21 (EDT), -0.19 ft.



Last Observed Sample: 05/10/2015 17:36 (EDT)

Wind Speed: 12 knots Gusts: 13 knots Direction: 123° T

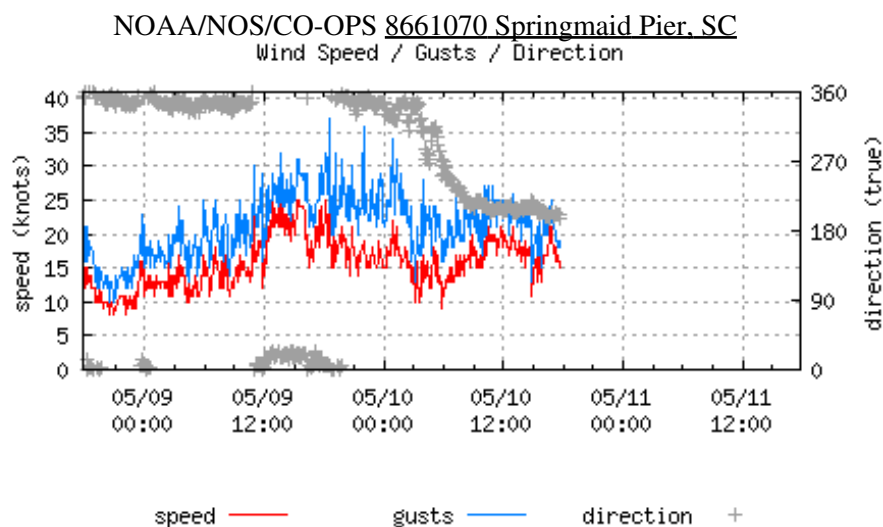


Last Observed Sample: 05/10/2015 17:42 (EDT). Data relative to MHHW

Observed: -4.29 ft. Predicted: -4.56 ft. Residual: 0.27 ft.

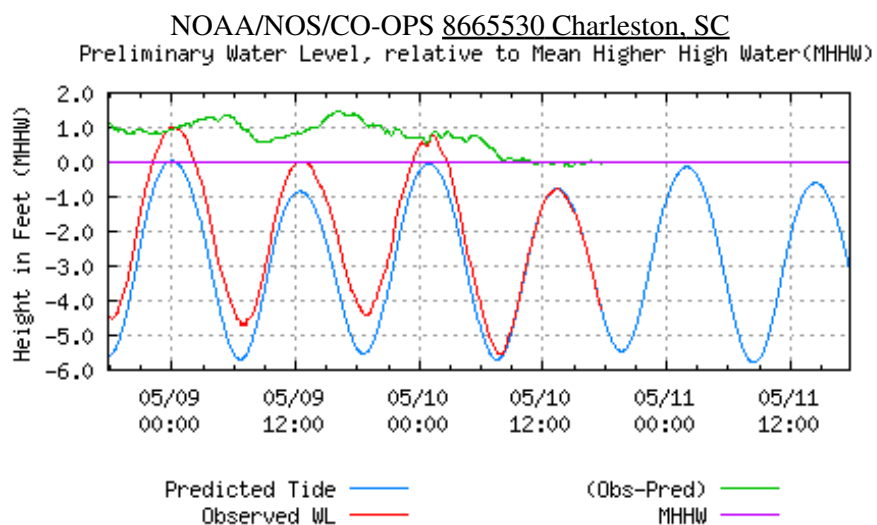
Historical Maximum Water Level: Jan 1 1987, 3.65 ft.

Next High Tide: 05/11/2015 01:36 (EDT), -0.17 ft.



Last Observed Sample: 05/10/2015 17:42 (EDT)

Wind Speed: 15 knots Gusts: 18 knots Direction: 200° T

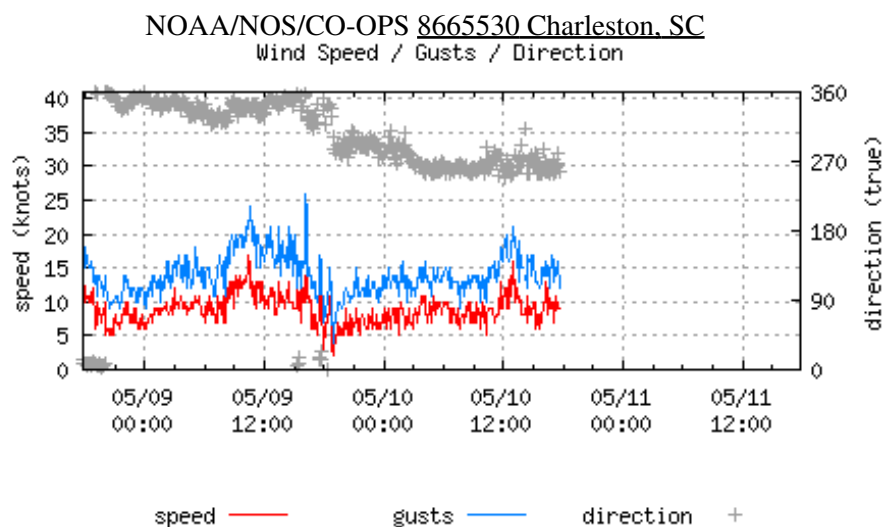


Last Observed Sample: 05/10/2015 17:36 (EDT). Data relative to MHHW

Observed: -4.22 ft. Predicted: -4.19 ft. Residual: -0.03 ft.

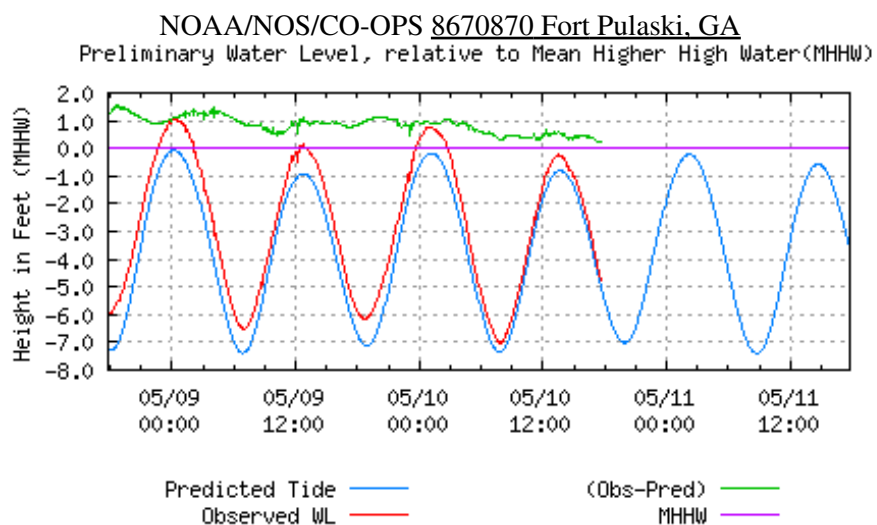
Historical Maximum Water Level: Sep 21 1989, 6.76 ft.

Next High Tide: 05/11/2015 01:57 (EDT), -0.15 ft.



Last Observed Sample: 05/10/2015 17:36 (EDT)

Wind Speed: 9 knots Gusts: 12 knots Direction: 258° T

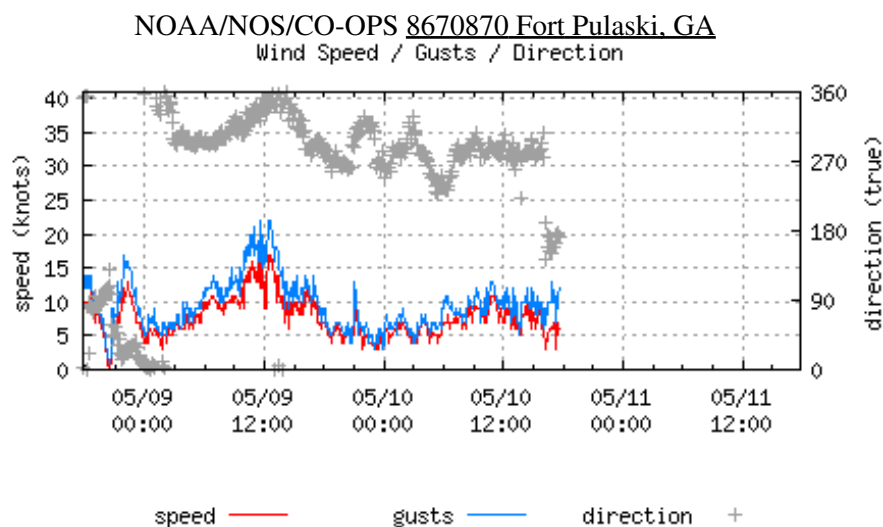


Last Observed Sample: 05/10/2015 17:36 (EDT). Data relative to MHHW

Observed: -4.76 ft. Predicted: -4.97 ft. Residual: 0.21 ft.

Historical Maximum Water Level: Oct 15 1947, 3.40 ft.

Next High Tide: 05/11/2015 02:12 (EDT), -0.22 ft.



Last Observed Sample: 05/10/2015 17:36 (EDT)

Wind Speed: 6 knots Gusts: 12 knots Direction: 171° T

Tropical Depression ANA QuickLook, POSTED 18:00 EDT 05/10/2015

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8658163	Wrightsville Beach, NC	05/10/2015 17:36 (EDT)	-3.09 ft	-3.59 ft	0.50 ft	1.48 ft
8658120	Wilmington, NC	05/10/2015 17:36 (EDT)	0.29 ft	-1.56 ft	1.85 ft	1.52 ft
8656483	Beaufort, NC	05/10/2015 17:36 (EDT)	-2.10 ft	-2.70 ft	0.60 ft	0.71 ft
8652587	Oregon Inlet Marina, NC	05/10/2015 17:36 (EDT)	-0.29 ft	-0.80 ft	0.51 ft	0.17 ft
8651370	Duck, NC	05/10/2015 17:36 (EDT)	-2.94 ft	-2.95 ft	0.01 ft	0.14 ft
8661070	Springmaid Pier, SC	05/10/2015 17:42 (EDT)	-4.29 ft	-4.56 ft	0.27 ft	1.79 ft
8665530	Charleston, SC	05/10/2015 17:36 (EDT)	-4.22 ft	-4.19 ft	-0.03 ft	0.77 ft
8670870	Fort Pulaski, GA	05/10/2015 17:36 (EDT)	-4.76 ft	-4.97 ft	0.21 ft	0.78 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce